Sheet	1	of	1
SHEEL		O1	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09850-013001	Application No. 10/051,460	
by A	closure Statement oplicant	Applicant Sanderson et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date January 22, 2002	Group Art Unit 3746	

		The state of the s	U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
635	AA	2,957,421	10/25/1960	Mock			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	АН						-
	AI	·					
	AJ						
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass		lation No
	AL							
	AM							
	AN							
	AO							
	AP				***************************************	,		V

	Other Do	cuments (Include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
	9/2/09
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant	t in conformance and not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09850-013001	Application No. 10/051,460	OIPE
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Sanderson et al.		/ FEB 2 0 2004
		Filing Date January 22, 2002	Group Art Unit 3746	TA DE MARK

		-	U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
20	AA	6,397,794	06/04/2002	Sanderson et al.			CO
S	AB	US 2002/0106238	08/08/2002	Sanderson et al.		Transfer F	0.00
(8)	AC	6,446,587	09/10/2002	Sanderson et al.	•	ECHAOLO	6200
	AD						CENTER
	AE						V CENTER RIZOD
	AF						
	AG						
	AH						

	Foreign	n Patent Doo	uments or Pe	ublished Foreign	Patent A	Application	าร	
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes_	lation No
milia	AI	110111001						
	AJ							
	AK							
	AL							
	AM							

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner	Desig.							
Initial	ID	Document .						
(21/	AN	Translation of German document number 1 037 799.						
	AO							
	AP							
	AQ							

· //	, ,	/ /					
Examiner Signature /	111		Date Considered	C/ /~	2 / 105/1	1	
<i> / / /</i>				7/2	109		
EXAMINER: Initials citation		v line through citation	if not in conformance and	not consid	ered. Include	copy of this form with	

Substitute Disclosure Form (PTO-1449)

		_	
Sheet	1	of	1

Substitute Disclosure Form (PTO-1449)

Substitute For	m PTO-1449		epartment of Commerce nt and Trademark Office			Application No 10/051,46		
B 2 3 2004		n Disclosure S by Applicant	tatement	Applicant Sanderson et al.				
(37 CFR 5119)	ud a.	veral sheets if neces	ssary)	Filing Date Group Art Unit January 22, 2002 3746				
TRADENA			II.C. Deten	t Documents				
Examiner	Desig.	Document	Publication Publication	t Documents			Filing	Date
Initial	ID ID	Number	Date	Patentee	Class	Subetass	If Appr	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	ΑI							
	AJ							
<u></u>	AK							
		<u> </u>						•
		n Patent Do	cuments or Pu	olished Foreign	Patent A	Application	ns	
Examiner	Desig.	Document	Publication	Country or			Trans	
Examiner Initial		Document Number WO	Publication Date	Country or Patent Office	Patent A	Application	ns Trans Yes	latio N
	Desig. ID	Document Number WO 02/063139 WO	Publication Date 08/15/2002	Country or Patent Office			Trans	
	Desig. ID AL	Document Number WO 02/063139	Publication Date 08/15/2002	Country or Patent Office WIPO			Trans	
	Desig. ID AL AM	Document Number WO 02/063139 WO	Publication Date 08/15/2002	Country or Patent Office WIPO			Trans	
	Desig. ID AL AM AN AO	Document Number WO 02/063139 WO	Publication Date 08/15/2002	Country or Patent Office WIPO			Trans	
	Desig. ID AL AM AN	Document Number WO 02/063139 WO	Publication Date 08/15/2002	Country or Patent Office WIPO			Trans	
Initial Sy S	Desig. ID AL AM AN AO AP	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO	Class	Subclass	Trans Yes	
Initial Sy S	Desig. ID AL AM AN AO AP	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO	Class	Subclass	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig.	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig. ID	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig. ID AQ	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig. ID AQ AR	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass f Publicati	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig. ID AQ AR AS	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass f Publicati	Trans Yes	
Initial Sy Sy Examiner	Desig. ID AL AM AN AO AP Other D Desig. ID AQ AR AS AT	Document Number WO 02/063139 WO 02/063193	Publication Date 08/15/2002 98/15/2002	Country or Patent Office WIPO WIPO Title, Date, and	Class	Subclass f Publicati	Trans Yes	

· .							4	([Sheet	, 	of [8
SUBSTIT (MODIFI		ORM	PTO)- 1 <i>4</i>	449		Ч,	, ⁾	J.S. LEPARTM PATENT AND T	ENT OF COMMERCE RADEMARX OFFICE	ATTY. DOCKET 09850-0130			SERIAL	NO.	160
	(Usi	s	TATE	MEN	የ ፓ 8	Y A	IPPL	OSUI I CAI		•	APPLICANT Robert A. Sanderson et al.					
(37 CFR											FILING DATE	1/22/0	カ	GROUP	746	0
									,	U.S. PATEN	DOCUMENTS					
EXAMINER		_	_	,			MBE	2	I SSUE DATE		PATENTEE		CLASS	SUBCLASS		G DATE ROPRIATE
(93)	AA	_ 5	7	6	2	0	3	9	06/09/98	Gonzalez			123	197.3	-	
(2)	AB	5	6	0	5	1	2	0	02/25/97	Hedelin			123	78		
18	AC	5	5	7	2	9	0	4	11/12/96	Minculescu			74	45		
0	AO	5	5	6	2	0	6	9	10/08/96	Gillbrand et a	ι.		123	48	_	
BES	AE	5	5	3	5	7	0	9	07/16/96	Yash i zawa			123	63		
E	AF	5	3	2	9	8	9	3	07/19/94	Orangel et al.		· · · · · ·	123	78		
(Z)	AG	5	3	3	6	0	5	6	08/09/94	Kimura et al.			417	222		
135	AH	5	2	8	٥	7	4	5	01/25/94	Maruno			91	477		
458	AI	5	2	6	1	3	5	8	11/16/93	Rorke			123	47R		
(JC)	AJ	5	1	3	6	9	8	7	08/11/92	Schechter et a	ι.		123	48	-	
31	AK	5	0	9	4	1	9	5	03/10/92	Gozalez			123	58		
(35	AL	5	0	Z	5	7	5	7	06/25/91	Larsen			123	48		
635	Æ	5	0	0	7	3	8	5	04/16/91	Kitaguchi			123	48		
65	AN	4	9	2	0	8	5	9	05/01/90	Smart et al.			91	497		
6	AO	4	8	6	9	2	†	2	09/26/89	Sverdlin			123	56		
									FOREIGN PAT	ENT OR PUBLISHED	FOREIGN PATEN	T APPLICATION	ON			
			יייי	OJE L	IT N	шме	aro		PUBLICATION DATE		COUNTRY OF		CLASS	SUBCLASS	TRANSL	ATION
		'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,c,					ONIE		COUNTRY OR PATENT OFFICE		CLASS	SUBCENSS	YES	NO
(32)	AP	,	598,	243					10/1940	Germany			123	56.1		سسس
(FLA	AQ	1	10 9	2/1	144	9			07/1992	WIPO			123	56.1		سسسسا
(2C)	AŘ	2	56	6 4	60			T	12/1985	France			123	56.1		<u>~</u>
	AS											-				
	AT			_												
							_		NTB (Include	7101			: •			
					UII	HER	000	JUME	WIS (INCLUD	ing Author, Titl	e, vate, Place	of Publicat	101)	-		
	AU -									·.	·					
			<u> </u>													
	AV -		_											 		
					1			1	1				1./	~		,
EXAMINER				1.	1	1	V		R	-	DATE CONSID	ERED 5	4/0	3 4	9/2/	04
XAMINER:	Initia	ıl ç	ita	tio	n c	ons	ide	rea.	. Draw line	through citation	n if not in co	nformance a	nd not con	sidered. I	notude c	opy of
his form	vith n	ext	co	TIPL	nic	ati	on	to a	pplicant.					*******	<u></u>	

Sheet <u>1</u> of <u>1</u>

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. Application No. 10/051,460		
	closure Statement	Applicant Sanderson et al.		
(Use several shi	eets if necessary)	Filing Date Group Art Unit January 22, 2002 3746		

	U.S. Patent Documents										
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate				
	AA										
	AB										
	AC										
	AD										
	AE										
	AF										
	AG										
	AH										
	AI										
	AI			100							
	AK										

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or	01	Outslass		lation			
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No			
125	AL	1,127,291	09/18/1968	United Kingdom							
,	AM										
	AN										
	AO										
	AP										

Other Documents (include Author, Title, Date, and Place of Publication)									
Examiner Initlal	Desig. ID	Document							
	AQ								
	AR								
	AS								
	AT								

		7		$\perp L$	/				
Examiner Signature	7	/	- 1/	77	/	Date Considered,	/	1	,
1	//	,	γ	V	\sim	1 0	10	121	1
1 /	/	11	Λ	1/		L	10	10	1
EVALUED LIVE F		/			<u> </u>	Al- conformation	-	-	tod Indude const of this form with
			erea. L	K aw	line inrough citation it no	ot in comormance and	not	conside	red. Include copy of this form with
next communication to a	⊋ ∕pli	cant.							
								0	ubetitute Diedocure Form (DTO 4440

			Sheet <u>1</u> of <u>1</u>		
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09850-013001	Application No. 10/051,460		
by A	closure Statement pplicant	Applicant Sanderson et al.			
(Use several s (37 CFR §1.98(b))	heets if necessary)	Filing Date January 22, 2002	Group Art Unit 3746		

	U.S. Patent Documents									
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate			
(35)	AA	3,273,344	09/20/1966	Christenson et al.						
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	AH									
	AI									
	AJ									
	AK									

	Foreign	n Patent Doc	uments or Pu	ıblished Foreign	Patent A	pplication	ns		
Examiner	Desig.	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	AL								
	AM								
	AN								
. <u>-</u>	AO							-	
	AP								

Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner Initial	Desig. ID	Document						
20)	AQ	Full English translation of German reference 1 451 926.						
(35)	AR	Full English translation of French reference 1 416 219.						
	AS							
	AT							

		/	()		1	
Examiner Signature	//	111		Date Considered		
	- []	$I \land I$		\mathcal{A}	' '//	D/1
		$\mathcal{O} \cup \mathcal{O}$			7	09
EXAMINER: Initials cit	ation con	sidered. Dra	w line through citation if no	of in conformance and no	t conside	ered. Include copy of this form with
next communication to	annlicani	ł	-			1

Sheet <u>1</u> of <u>1</u>

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 09850-013001	Application No. 10/051,460	
by A	closure Statement pplicant	Applicant Sanderson et al.		
(Use several sheets if necessary)		Filing Date	Group Art Unit	
(37 CFR §1.98(b))		January 22, 2002	3746	

U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee		Class	Subclass	Filing Date
6	AA	1,842,322	01/19/1932	Hulsebos				
181	AB	2,112,934	02/23/1937	Stinnes et al.				
6	AC	2,151,614	09/17/1937	Nevatt et al.				
65	AD	2,247,527.	11/10/1939	Stinnes				
60	AE	2,282,722	01/30/1940	Hall			. /	
1510	AF	2,303,838	04/01/1942	Hall				
CC	AG	2,335,048	04/01/1942	Feroy				
Sol	AH	2,341,203	08/31/1942	Borer				
134	ΑI	2,357,735	07/03/1943	Hall				
(5)5	AJ	2,827,792	01/22/1953	Hopkins				
SG	AK	3,292,554	12/20/1966	Hessler			/	
27	AL	3,590,188	06/29/1971	Frink et al.				
97	AM	3,945,359	03/23/1976	Asaga				
35	AN	4,345,174	08/17/1982	Angus	-			
39	AO	4,433,596	02/28/1984	Scalzo				
66	AP	5,063,829	11/12/1991	Takao et al.	/	7		
309	AQ	5,351,657	10/04/1994	Buck	/	• .	······································	
E&5	AR	6,460,450	10/2002	Sanderson et al.	7	-		

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass		lation No
138	AS	2 300 262	02/04/1975	France			Х	
139	AT	DE 3410529	12/05/1985	Germany			Х	
69	AU	WO 99/14471	03/25/1999	WIPO				_
(-3)	AV	WO 01/11237	02/15/2001	WIPO				-

Other Documents (Include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID		1	Document		
Examiner Sign		M		Date Considered	9/2/04	
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.						
					Substitute Disclosure Form (PTO-1449)	